

# ZEP - 340LFWW

340 - LED 150 W



- **Type:** Single lens luminaire
- **Source:** LED 150 W
- **PSU:** Electronic - DMX
- **Optics:** 200 mm Fresnel lens
- **Colour temperature:** Warm white

Single lens

## Low running costs, high performance

A high output, warm white LED source, 200 mm Fresnel lens and great beam quality, combine with an electronic flicker-free dimmable PSU to create a powerful yet economical LED washlight. Great for TV studio, theatre, event and architectural applications.

### Features

- **Colour runners:** Double runners to hold accessories and colour filters
- **Barn door:** Unique rotating barn door with 4 individually rotating blades – makes even the most difficult angle possible
- **DMX:** 8 or 16 bits dimming and strobe function
- **Parameters:** Adjustable curves and response thru 4-button display with automatic light switch-off
- **Control:** local, DMX, wireless DMX (option)
- **Focus reference:** Index for easy focus reference
- **Focus adjustment:** Smooth focus adjustment from rear
- **Tilt reference on hanging yoke:** Index for rapid re-positioning

### Optical

- **Very long-life lamp source:** 50 000 hours - Lumen maintenance of greater than 70% after 50 000 hours
- **Dimming:** No clipping or cut-out below 20% - high quality smoothing
- **No colour shift:** Colour temperature remains the same when dimming
- **Unique 200 mm (8 in) lens:** No equivalent on the market in terms of light output and beam quality
- **Wide angle:** up to 93° from edge to edge
- **Beam shaping :** efficient barndoors in any focus position
- **Theatre front cassette:** No light spill to distract audiences or performers

### Construction

- **Made in France :** Fully manufactured on the premises retaining complete control over all aspects of quality
- **PSU:** Built-in electronic flicker-free power supply
- **Connectors:** Neutrik® powerCON TRUE1 in and out connectors for daisy chaining
- **Silent-running cooling fans:** Ideal for TV studios and opera houses
- **Bodywork:** Strong sheet metal construction for durability
- **Captive knobs and handles:** Additional security when working at height or in transit
- **Safety first:** Front accessories safety cable attachment point

Picture:340LF

DSEN186\_340LFWW - 05/02/2015

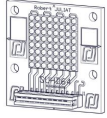
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**ROBERT JULIAT**

## Admissible lamps



**Lamp type:** LED  
**Power:** 150W

Reference	Power	Lumen output	Colour temperature	Lamp life	CRI (min)
SUHD64 WW W (RJ / Osram )	150 W	12 000 lm	3200K	50 000 h	82

## Optics

### Characteristics

- **Type:** Single lens
- **Beam range:** 11° to 68°
- **Lens:** 200 mm Fresnel lens

### Gel filter

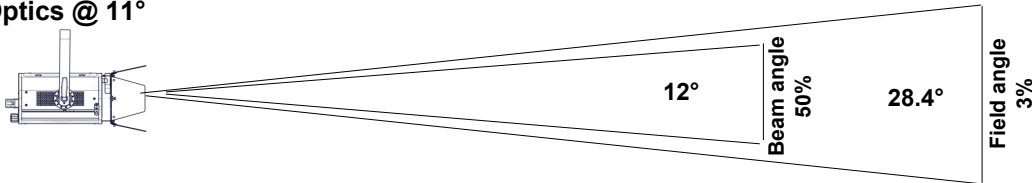
- **Shape:** Square
- **Standard size:** 215x215 mm (8.5x8.5 in)

*Front extension cassette for 215x215mm accessories recommended for dark colours*

## Photometrics

with SUHD64 WW W (RJ / Osram ) source

### • Optics @ 11°

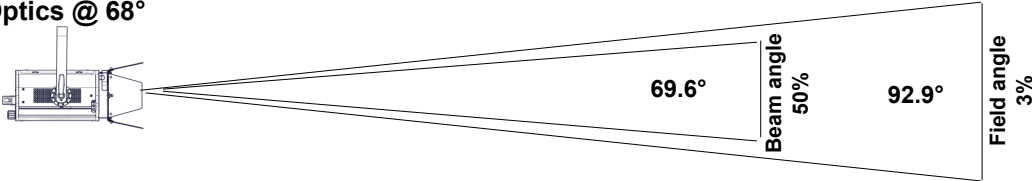


**Beam intensity**  
66 500 cd

<b>Distance</b>	3 m	5 m	7 m	10 m	12 m	15 m
<b>Diameter</b>	1.5 m	2.5 m	3.5 m	5.1 m	6.1 m	7.6 m
<b>Illumination</b>	7 400 lux	2 700 lux	1 400 lux	670 lux	470 lux	300 lux
<b>Distance</b>	10 ft	15 ft	25 ft	35 ft	40 ft	50 ft
<b>Diameter</b>	5.1 ft	7.6 ft	12.7 ft	17.7 ft	20.2 ft	25.3 ft
<b>Illumination</b>	670 fc	300 fc	110 fc	55 fc	42 fc	27 fc

**CCT**  
3 200 K

### • Optics @ 68°



**Beam intensity**  
6 800 cd

<b>Distance</b>	3 m	5 m	7 m	10 m	12 m	15 m
<b>Diameter</b>	6.3 m	10.5 m	14.7 m	21 m	25.2 m	31.6 m
<b>Illumination</b>	760 lux	280 lux	140 lux	70 lux	48 lux	31 lux
<b>Distance</b>	10 ft	15 ft	25 ft	35 ft	40 ft	50 ft
<b>Diameter</b>	21 ft	31.6 ft	52.6 ft	73.6 ft	84.2 ft	105.2 ft
<b>Illumination</b>	70 fc	31 fc	11 fc	6 fc	5 fc	3 fc

**CCT**  
3 150 K

## Remote control

• **Data protocol:** USITT DMX512-A

• **Data IN connector:** 5 pins XLR male

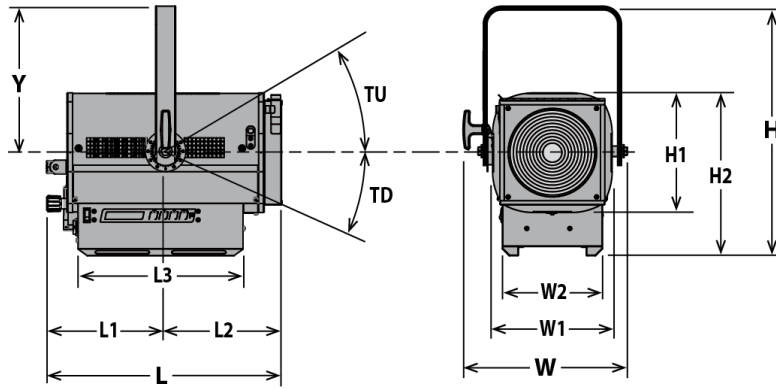


• **Data OUT connector:** 5 pins XLR female

• **DMX chart:**

	Mode 1	Mode 2	Mode 3	Mode 4
<b>Channels</b>	Dimmer	Dimmer Strobe	Dimmer Dimmer fine	Dimmer Dimmer fine Strobe

## Dimensions, weight and volumes



**Weight:** 14.2 kg (31.2 lbs)

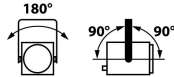
Height	Length	Width	Yoke	Tilt
H= 521 mm (20.5 in)	L= 494 mm (19.4 in)	W= 344 mm (13.5 in)	Y= 303 mm (11.9 in)	TU= 90°
H1= 250 mm (9.8 in)	L1= 250 mm (9.8 in)	W1= 250 mm (9.8 in)		TD= 90°
H2= 343 mm (13.5 in)	L2= 244 mm (9.6 in)	W2= 210 mm (8.3 in)		
	L3= 346 mm (13.6 in)			

## Shipping

- **Weight :** 19.5 kg (42.9 lbs)
- **Volume :** .09 m<sup>3</sup> (3.25 ft<sup>3</sup>)

## Installation

- **Minimum distance to illuminated surface:** 0.2 m (0.5 ft)
- **Operating position:**



## Approvals



## Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Low noise variable fan
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc) :** 65°C (149°F)
- **Total heat dissipation:** 631 BTU/h
- **Protection rating:** 20

## Electrical compatibility

- 220/230 V - 50 Hz
- 220 V - 60 Hz
- 245 V - 50 Hz
- 100 V - 50 Hz
- 110/120 V - 60 Hz
- 100 V - 60 Hz
- 208 V - 60 Hz
- Selector: automatic detection

## Power cable



- **Cable:** H07RNF 3G1.5
- **Length:** 3 m (9,8 ft)
- **Connectors:**  
In: CEE 7/7 (2P+E NF/Schuko)  
Out: Neutrik powerCON TRUE1

## Power consumption

Voltage	Frequency	Current	Power	Power factor
230 V	50 Hz	0.8 A	185 W	>0.95
120 V	60 Hz	1.5 A	185 W	>0.98
100 V	60 Hz	1.8 A	185 W	>0.98



## Power Supply Unit

- **PSU:** Internal - Electronic PSU - Flicker free with PFC
- **Control:** Local / DMX
- **Protection:** Mains: 4A 1P1D breaker - UL /
- **Power thru:** Neutrik powerCON TRUE1 - Maximum of 19 units (230 V) / 10 units (110 V)


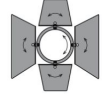


## Model

<b>340LFWW</b>	LED 150 W Single lens luminaire - 200mm Fresnel - 340LFWW ZEP - 3200K
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## Options

<b>LT-Fresnel</b>	Licht-Technik motorisation controlled by DMX: Pan, tilt, focus, barndoors, colour changer	
<b>PCP1716A</b>	16A blue 2P+E 6h IEC60309 power connector	
<b>PO/Z</b>	Pole operation yoke (PAN/TILT/Focus)	
<b>W-DMX/ZF</b>	W-DMX wireless DMX	

## Accessories

<b>PF1000M2</b>	215x215mm metal filter holder <b>1 included</b>	
<b>CF1000</b>	4 rotating leaves on a rotating barndoor - 215x215mm ( without safety cable) - Weight: 1,03 Kg	
<b>876</b>	Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Weight: 1,25 Kg	
<b>880</b>	Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm pipes - SWL: 50Kg - Weight: 1,36 Kg	
<b>CS2</b>	Safety cable Ø3 mm L= 600mm - SWL: 75 Kg	